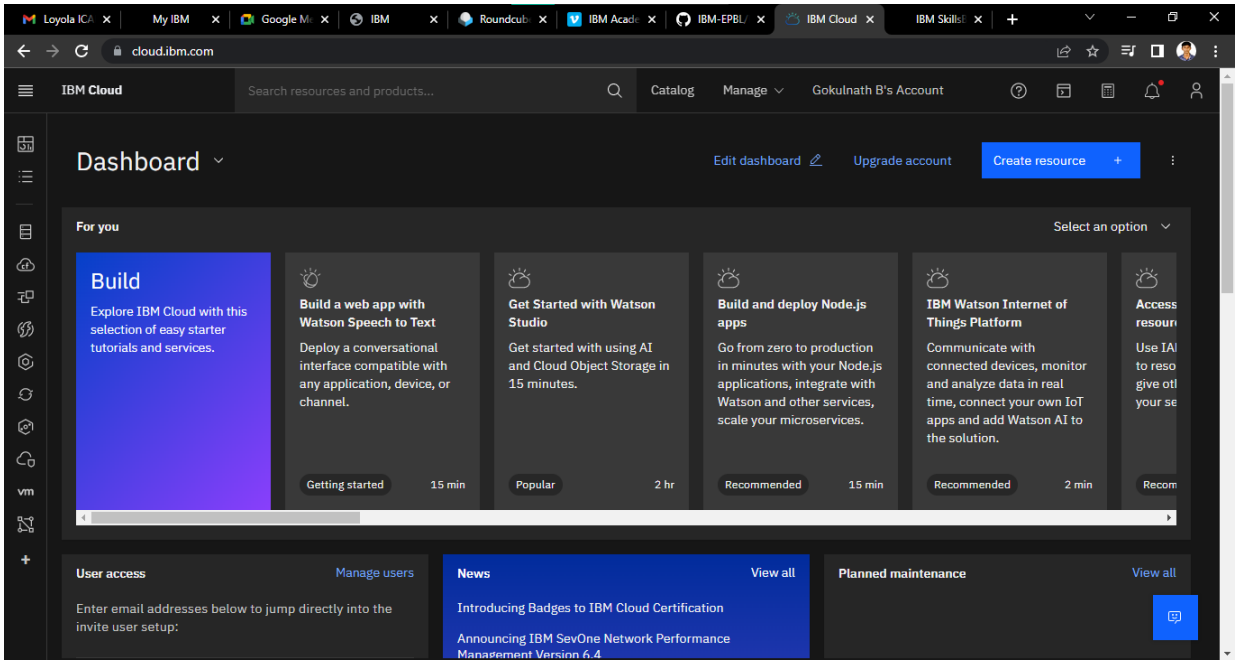
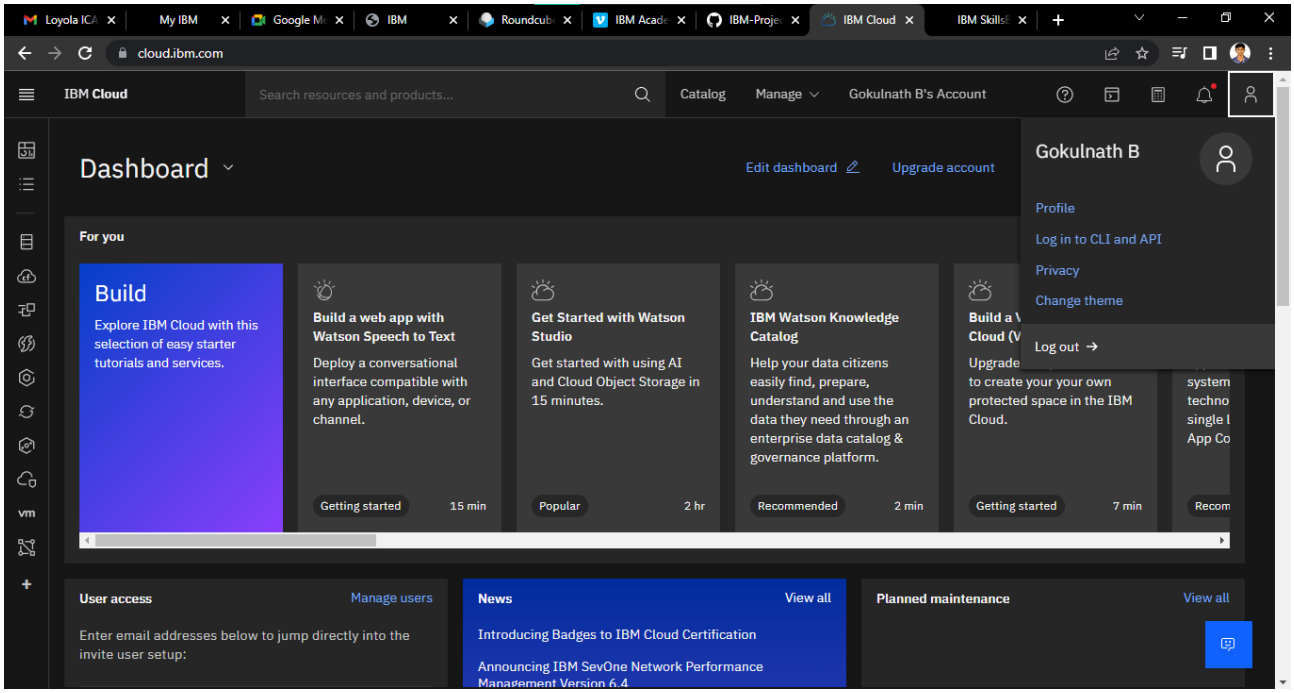
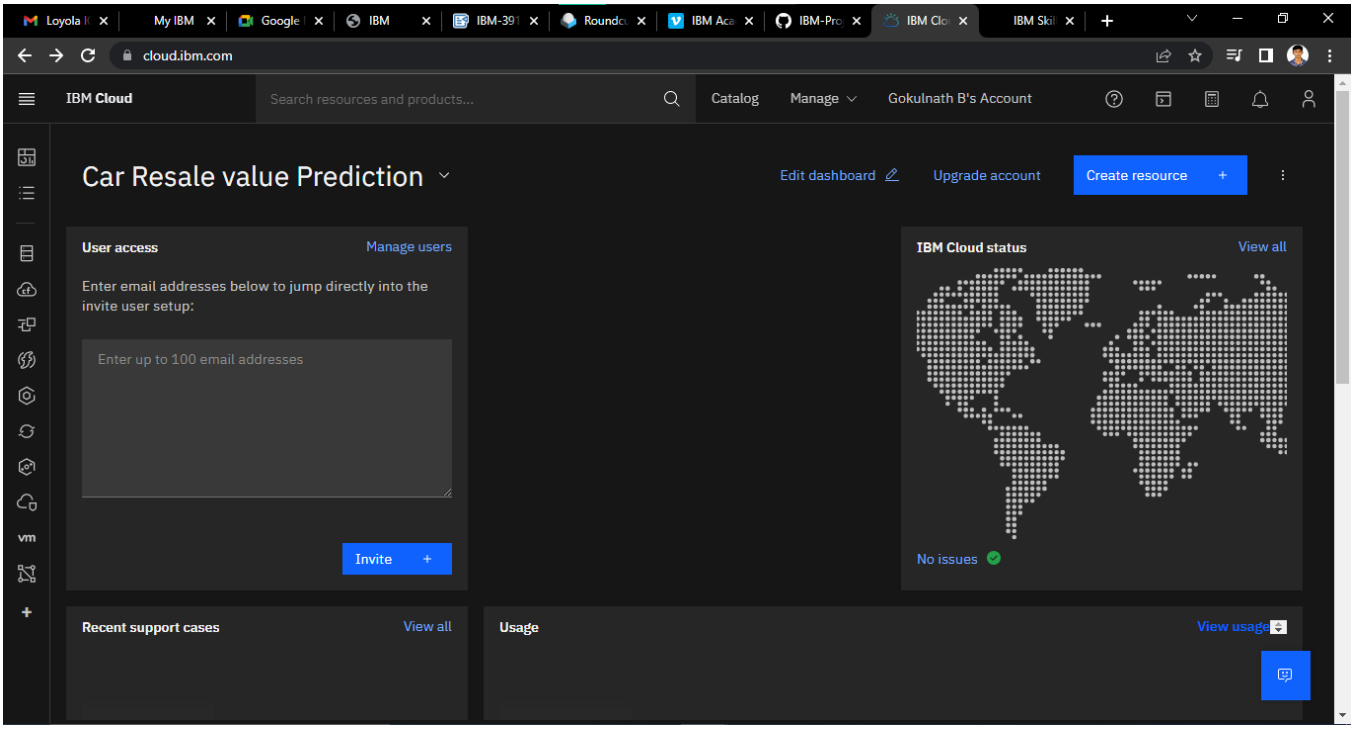
Train the Model on IBM

TEAM ID	PNT2022TMID27569
DATE	15-11-2022
PROJECT	Car Resale Value Prediction



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Enter up to 100 email addresses
Invite
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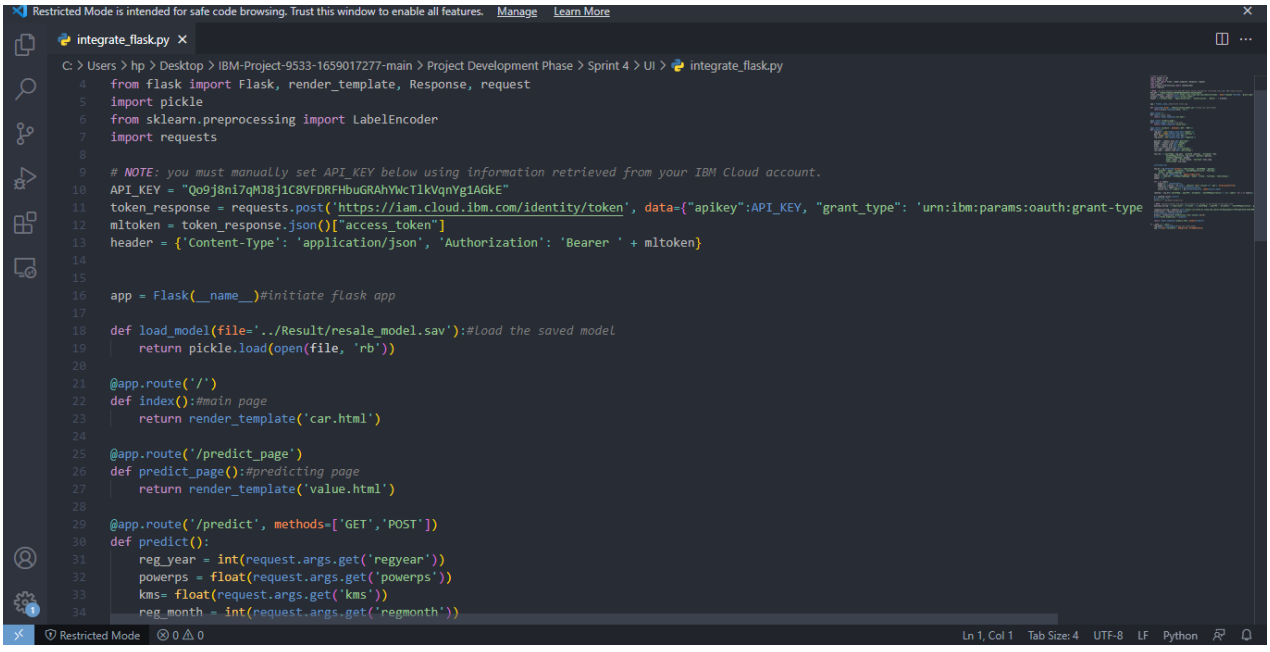
View usage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integrate_flask.py
C: > Users > hp > Desktop > IBM-Project-9533-1659017277-main > Project Development Phase > Sprint 4 > UI > integrate_flask.py
from flask import Flask, render_template, Response, request
import pickle
from sklearn.preprocessing import LabelEncoder
import requests
# NOTE: you must manually set API_KEY below using information retrieved from your IBM Cloud account.
API_KEY = "Qo9j8ni7qMJ8j1C8VFDRFHbuGRAhYWcTlkVqnYg1AGkE"
token_response = requests.post('https://iam.cloud.ibm.com/identity/token', data={"apikey":API_KEY, "grant_type": 'urn:ibm:params:oauth:grant-type
mltoken = token_response.json()["access_token"]
header = {'Content-Type': 'application/json', 'Authorization': 'Bearer ' + mltoken}
app = Flask(__name__)#initiate flask app
def load_model(file='../Result/resale_model.sav'):#load the saved model
return pickle.load(open(file, 'rb'))
@app.route('/')
def index():#main page
return render_template('car.html')
@app.route('/predict_page')
def predict_page():#predicting page
return render_template('value.html')
@app.route('/predict', methods=['GET','POST'])
def predict():
reg_year = int(request.args.get('regyear'))
powerps = float(request.args.get('powerps'))
kms= float(request.args.get('kms'))
reg_month = int(request.args.get('regmonth'))
Restricted Mode
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Python